



TFW

Attorney Docket No. A041 CON

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner : Not Yet Assigned
Group Art Unit : 1632
Applicant : Jeffrey Browning
Application No. : 10/696,259
Confirmation No. : 7052
Filed : October 28, 2003
For : BMOG, A NOVEL PROTEIN MEMBER OF THE
MYELIN-OLIGODENDROCYTE GLYCOPROTEIN
FAMILY AND ITS USE FOR
IMMUNOMODULATORY PURPOSES

New York, New York
September 30, 2004

Mail Stop Amendment

Hon. Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97, applicant, through his attorneys, makes of record the following documents, copies of which are enclosed herewith¹:

UNITED STATES PATENTS

<u>Patentee</u>	<u>Patent No.</u>	<u>Issue Date</u>
Cabilly et al.	4,816,567	March 28, 1989
Hogan et al.	5,176,996	January 5, 1993
Froehler	5,256,775	October 26, 1993
Matteucci	5,264,564	November 23, 1993

¹ A completed Form PTO-1449, listing these documents, is attached hereto.

FOREIGN PATENTS/APPLICATIONS

<u>Publication No.</u>	<u>Publication Date</u>
WO 95/06727	03/09/95
EP 0412762 A2	02/13/91
EP 0750039 A1	12/27/96
EP 0031080 B1	07/01/81

OTHER DOCUMENTS

Adelman et al., "In Vitro Deletional Mutagenesis for Bacterial Production of the 20,000-Dalton Form of Human Pituitary Growth Hormone," DNA, 2: 183 (1983).

Arulanandam et al., "A Soluble Multimeric Recombinant CD2 Protein Identifies CD48 as a Low Affinity Ligand for Human CD2: Divergence of CD2 Ligands during the Evolution of Humans and Mice," J Exp Med, 177: 1439-1450 (1993).

Berkner et al., "Expression of Heterologous Sequences in Adenoviral Vectors," Curr Top Microbiol Immunol, 158: 39-61 (1992).

Bandyopadhyay et al., "Expression of Complete Chicken Thymidine Kinase Gene Inserted in a Retrovirus Vector," Mol Cell Biol, 4: 749-754 (1984).

Browning et al., "Preparation and Characterization of Soluble Recombinant Heterotrimeric Complexes of Human Lymphotoxins α and β ," J Biol Chem, 271: 8618-8626 (1996).

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Burger, "Human Myelin/Oligodendrocyte Glycoprotein: A New Member of the L2HNK-1 Family," J Neurochem, 61, 1822-1827 (1993).

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Cunningham and Wells, "High-Resolution Epitope Mapping of hGH-Receptor Interactions by Alanine-Scanning Mutagenesis," Science, 244: 1081-1085 (1989).

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- Hoffman et al., "Efficient Gene Transfer into Human Hepatocytes by Baculovirus Vectors," Proc Natl Acad Sci USA, 92: 10099-10103 (1995).
- Ichikawa et al., "Analysis of the Fine B Cell Specificity During the Chronic/Relapsing Course of a Multiple Sclerosis-Like Disease in Lewis Rats Injected with the Encephalitogenic Myelin Oligodendrocyte Glycoprotein Peptide 35-55," J Immunol, 157: 919-926 (1996).
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- Madzak et al., "Efficient in Vivo Encapsidation of a Shuttle Vector into Pseudo-Simian Virus 40 Virions Using a Shuttle Virus as Helper," J Gen Virol, 73: 1533-36 (1992).
- Margolskee, "Epstein-Barr Virus Based Expression Vectors," Curr Top Microbiol Immunol, 158: 67-93 (1992).
- Mendel et al., "A Myelin Oligodendrocyte Glycoprotein Peptide Induces Typical Chronic Experimental Autoimmune Encephalomyelitis in H-2^b Mice: Fine Specificity and T Cell Receptor V β Expression of Encephalitogenic T Cells," J Immunol, 25: 1951-1959 (1995).
- Miller, "Retroviral Vectors," Curr Top Microbiol Immunol, 158: 1-24 (1992).
- Miller, "Human Gene Therapy Comes of Age," Nature, 357: 455-460 (1992).
- Moretta et al., "What is a Natural Killer Cell?" Nature Immunol, 3: 6-8 (2002).
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- Nalabolu et al., "Human 1C7 precursor mRNA, alternatively spliced," EMBL Sequence Database, Accession No. AF031137, (1997)
- Nalabolu et al., "Human 1C7 precursor mRNA, alternatively spliced," EMBL Sequence Database, Accession No. AF031138. (1997)
- Oaks et al., "Nucleotide Sequence of the ACI Rat CTLA-4 Molecule", Immunogenetics, 43: 173-174, (1996).
- Pende et al., "Identification and Molecular Characterization of NKp30, a Novel Triggering Receptor Involved in Natural Cytotoxicity Mediated by Human Natural Killer Cells," J Exp Med, 190: 1505-1516 (1999).
- Queen et al, "A Humanized Antibody that Binds to the Interleukin 2 Receptor," Proc Natl Acad Sci USA, 86: 10029-10033 (1989).
- Stein et al., "Oligodeoxynucleotides as Inhibitors of Gene Expression: A Review," Cancer Res, 48: 2659-2668 (1998).
- Strausberg. "Human cDNA clone IMAGE: 685808," EMBL Sequence Database, Accession No. AA262074 (1997).
- Van Der Krol et al., "Modulation of Eukaryotic Gene Expression by Complementary RNA or DNA Sequences," Biotechniques, 6: 958-976 (1998).
- Wells et al., "Cassette Mutagenesis: An Efficient Method for Generation of Multiple Mutations at Defined Sites," Gene, 34: 315-323 (1985).
- Winter and Milstein, "Man-Made Antibodies," Nature, 349: 293-299 (1991).
- Wolff et al., "Direct Gene Transfer into Mouse Muscle In Vivo," Science, 247: 1465-1468 (1990).

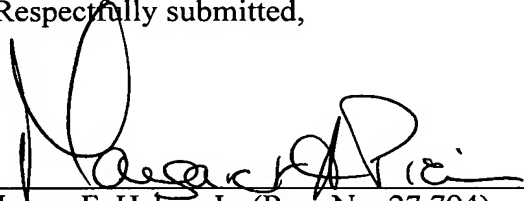
Pursuant to 37 C.F.R. 1.98(d), copies of the references cited above with an asterisk are not enclosed herewith, as they were previously cited by or submitted to the US Patent Office in United States patent application 09/560,855, filed April 28, 2000, from which the present application claims priority under 35 U.S.C. §120.

Applicant requests that these documents: (1) be fully considered by the Examiner during examination of this application and (2) be printed on any patent

that may issue from this application. Applicant also requests that a copy of Form PTO-1449, as considered and initialed by the Examiner, be returned with the next communication.

An early and favorable action is respectfully requested.

Respectfully submitted,



James F. Haley, Jr. (Reg. No. 27,794)

Margaret A. Pierri (Reg. No. 30,709)

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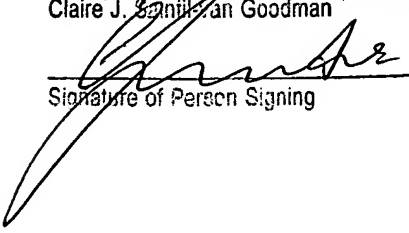
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September 30, 2004
Claire J. Sanikilman Goodman


Signature of Person Signing



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TRANSMITTAL LETTER

Sir:

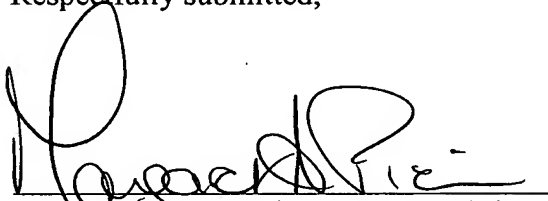
Transmitted herewith is: [X] an Information Disclosure Statement (in duplicate);
[X] Form PTO-1449 (in duplicate); and [X] copies of cited references to be filed in the
above-identified patent application.

The enclosed Information Disclosure Statement is being submitted more than
three months from the application filing date but before the mailing date of the first
Office Action on the merits.

In accordance with 37 C.F.R. § 1.97(b)(3), applicant believes that submission of
this Information Disclosure Statement requires no fee. However, if for any reason a fee

is due, the Director is hereby authorized to charge payment of any fees required in connection with this Information Disclosure Statement to Deposit Account No. 06-1075. A duplicate copy of this letter is transmitted herewith.

Respectfully submitted,



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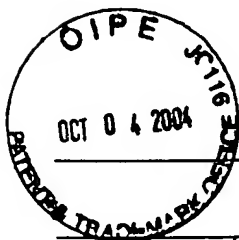
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Addressed to:
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450 on

September 30, 2004
Claire J. Samit van Goodman


Signature of Person Signing

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
A041CONAPPLN. NO.
10/696,259INFORMATION DISCLOSURE
STATEMENT BY APPLICANTAPPLICANT
Jeffrey BrowningCONF. NO.
7052FILING DATE
October 28, 2003GROUP ART UNIT
1632

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,816,567	03/1989	Cabilly et al	530	387	
	5,176,996	01/1993	Hogan et al.	435	6	
	5,256,775	10/1993	Froehler	536	25.6	
	5,264,564	11/1993	Matteucci	536	23.1	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	WO 95/06727	03/1995	PCT Int'l Appln.				
	EP 0412762 A2	02/1991	Europe				
	EP 0750039 A1	12/1996	Europe				
	EP 0031080 B1	07/1981	Europe				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
	Adelman et al., "In Vitro Deletional Mutagenesis for Bacterial Production of the 20,000-Dalton Form of Human Pituitary Growth Hormone," <u>DNA</u> , 2: 183 (1983).
	Arulanandam et al., "A Soluble Multimeric Recombinant CD2 Protein Identifies CD48 as a Low Affinity Ligand for Human CD2: Divergence of CD2 Ligands during the Evolution of Humans and Mice," <u>J Exp Med</u> , 177: 1439-1450 (1993).
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